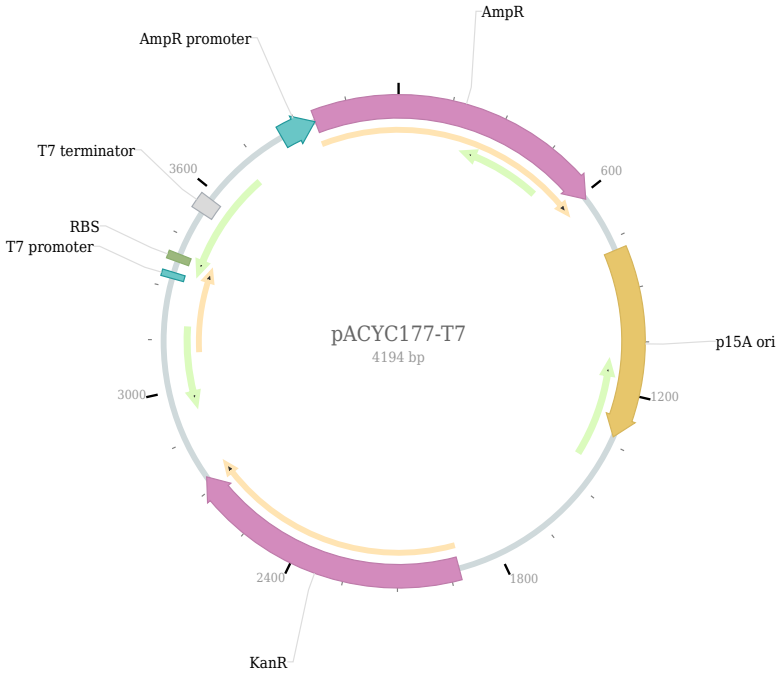
pACYC177-T7

Vector ID	V013449
Antibiotic Resistance	Ampicillin, Kanamycin
Length	4194 bp
Vector Type	Protein expression
Host	E. coli

Product Information

Replication Origin	p15A ori
Copy Number	Low
Promoter	T7
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pACYC177-T7 is a low-copy T7-based E. coli expression vector with p15A origin and kanamycin resistance, compatible with ColE1-type vectors for co-expression studies.

Vector Map



Plasmid Resuspension Protocol

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000×g.
5. Store the plasmid at -20 ℃.